| In | idex of | Claims |  |
|----|---------|--------|--|
|    |         |        |  |

| Applicat | ion/Con | trol No. |
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10/014,177

Examiner

Applicant(s)/Patent under Reexamination

RAJARAJAN ET AL.

Art Unit

2155

Vitali Korobov

√ Rejected= Allowed

|   | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

Non-Elected
I Interference

|   | A | Appeal   |
|---|---|----------|
| - | 0 | Objected |

| Cla         | aim      | Date   |                 |          |          |          | Claim Date |               |   |          |          |                 |          |                 | Cla      | aim      |          | Date     |                |                      |     |       |            |          |          |           |          |          |          |           |          |               |
|-------------|----------|--|-----------------|----------|----------|----------|------------|---------------|---|----------|----------|-----------------|----------|-----------------|----------|----------|----------|----------|----------------|----------------------|-----|-------|------------|----------|----------|-----------|----------|----------|----------|-----------|----------|---------------|
|             | -        | 5  |                 | - 1      |          |          |            |               |   |          |          | _               |          |                 |          |          |          | П        |                |                      |     |       |            |          |          |           | T        |          |          |           | $\Box$   |               |
| Final       | Original | 10/11/05   |                 | - 1      |          |          |            |               |   | 1        | Final    | Original        |          |                 |          | ı        |          |          |                |                      |     | Final | Original   |          |          |           |          |          | ľ        |           | ı        |               |
| iĒ          | l Ĕ      | 2  |                 |          |          |          |            |               |   |          | iĒ       | )<br>Žį         |          |                 |          |          |          |          |                |                      |     | ίĒ    | بغز        |          | - [      |           | ı        |          |          |           |          | i             |
|             | L        |  | Ш               |          |          |          |            |               |   |          |          |                 |          |                 |          |          |          | _        |                | Ш                    |     |       |            | $\perp$  |          | $\perp$   |          | $ \bot $ |          |           |          |               |
|             | _1       | 1  |                 |          |          |          |            |               |   |          |          | 51              |          | _               | _        | _        | _        | _        | _              | Щ                    |     |       | 101        | _        | 4        | _         | _        |          |          |           | _        |               |
|             | 2        | V  | $\sqcup$        | _        |          |          |            | Щ             |   | _        |          | 52              | Ш        | $\sqcup$        | _        | _        | _        | _        | _              |                      |     |       | 102        | _        | _        | _         | _        | $\dashv$ |          | $\dashv$  | _        |               |
|             | 3        | 1  | $\sqcup$        | _        |          |          |            |               |   |          |          | 53              |          | $\dashv$        | _        | _        | _        |          | _              | $\dashv$             |     |       | 103        |          | _        | 4         | 4        | $\dashv$ | _        | $\dashv$  | _        | _             |
|             | 4        | 1  | $\sqcup$        | _        |          |          |            |               |   | _        |          | 54              |          | _               | 4        | _        | 4        | _        | 4              | $\dashv$             | ļ   |       | 104        |          | 4        | -         | _        | -        | _        | _         | _        |               |
|             | 5        | 1  | $\vdash$        |          | _        |          |            | _             |   | _        |          | 55              |          | $\dashv$        | _        | -        | _        | -        | 4              |                      | ŀ   |       | 105        | _        | 4        | 4         | 4        |          | -        | _         | _        | -             |
|             | 6        | 1  | $\vdash$        |          | _        |          |            | _             |   | $\dashv$ |          | 56              | $\vdash$ | $\dashv$        | -        | -        | -        | -        | -              | $\dashv$             | -   |       | 106        | -        | -        |           | -        |          | -        | -         | 4        | <u> </u>      |
| -           | 7        | 1  | $\vdash \vdash$ | $\dashv$ | $\dashv$ |          | -          | _             |   | $\dashv$ |          | 57              | H        | $\dashv$        | -+       | $\dashv$ | +        | $\dashv$ | +              | $+\!\!-\!\!\!+$      | - } |       | 107        | $\dashv$ | +        | +         | 4        | -        | -        | -         |          | —             |
|             | 8        | 1  | $\vdash$        | -        | $\vdash$ |          |            | H             |   |          |          | 58              | -        |                 |          | $\dashv$ | -        | $\dashv$ | +              |                      | -   |       | 108<br>109 |          | +        | +         | 4        | $\dashv$ | -        | $\dashv$  |          |               |
|             | 10       | 1  | H               | -        |          |          |            |               |   |          | -        | 59<br>60        | H        | $\dashv$        | +        | $\dashv$ | $\dashv$ | $\dashv$ | +              | +                    | - } |       | 110        | -        | +        | +         | -        | $\dashv$ | -        | $\dashv$  | $\dashv$ | _             |
| -           | 11       | 1  | $\vdash$        | $\dashv$ |          |          |            | Н             |   | $\dashv$ |          | 61              | -        | -               | $\dashv$ | $\dashv$ | -        | $\dashv$ |                | $\dashv\dashv$       | ŀ   |       | 111        | -        | -        | +         | ┥        | $\dashv$ | -        | -         |          | _             |
| -           | 12       | 1  | $\vdash$        | $\dashv$ |          |          |            | Н             |   | $\dashv$ |          | 62              | $\vdash$ | $\dashv$        | -        | $\dashv$ | -        | -+       | +              |                      | - 1 |       | 112        |          | -        | -+        | -        | $\dashv$ | -        | $\dashv$  | $\dashv$ |               |
| -           | 13       | 1  | $\vdash$        | $\dashv$ |          |          | $\vdash$   | $\vdash$      |   | $\dashv$ | -        | 63              | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | +              |                      | ŀ   |       | 113        |          | -        | +         | -        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |               |
| <del></del> | 14       | 1  | $\vdash \vdash$ | $\dashv$ |          |          | $\vdash$   | $\vdash$      |   | -        |          | 64              | -        | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +              | $\dashv \dashv$      | ŀ   |       | 114        | $\dashv$ | $\dashv$ | +         | -        | $\dashv$ | -        | $\dashv$  |          |               |
| -           | 15       | V  | $\vdash$        |          |          | -        | Н          |               |   | $\dashv$ | ·        | 65              | -        | $\vdash$        | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv \dashv$      |     |       | 115        | $\dashv$ | $\dashv$ | +         | -        | $\dashv$ | $\dashv$ | $\dashv$  |          |               |
| -           | 16       | 1  | $\vdash$        | $\dashv$ | $\vdash$ |          | Н          | Н             |   | $\dashv$ | <u> </u> | 66              | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$       | +                    | 1   |       | 116        | $\dashv$ | +        | +         | ┪        | $\dashv$ | $\dashv$ | $\dashv$  |          |               |
|             | 17       | 1  | $\vdash \vdash$ | -        | -        | -        |            |               |   | $\neg$   |          | 67              | _        | $\dashv$        | $\dashv$ | 寸        | -        | $\dashv$ | $\dashv$       | $\dashv$             | ŀ   |       | 117        | -        | -        | +         | -        | -        |          | $\dashv$  | -        |               |
| -           | 18       | V  |                 | -        |          |          |            | -             |   | $\dashv$ | -        | 68              |          |                 |          |          | $\dashv$ | -        | -              | $\dashv \dashv$      | ŀ   |       | 118        |          | -        | +         | 7        | $\dashv$ | -        | $\dashv$  | $\dashv$ | _             |
|             | 19       | V  | 1               |          | -        | -        |            | $\vdash$      |   | _        |          | 69              |          |                 |          |          | 1        | _        | +              | _                    | ŀ   |       | 119        | -        | -        | $\dashv$  |          | $\neg$   | -        | _         | -        |               |
|             | 20       | 1  |                 | ヿ        |          |          |            | Н             |   | $\dashv$ |          | 70              |          |                 | $\dashv$ | $\dashv$ | 7        | $\dashv$ | $\dashv$       | $\top$               | ı   |       | 120        | _        | 十        | $\dashv$  | $\dashv$ | $\dashv$ | $\neg$   | $\dashv$  | $\dashv$ | _             |
|             | 21       | 1  | H               |          |          |          |            |               |   |          |          | 71              |          | $\neg$          | $\neg$   | $\neg$   | _        | $\dashv$ | $\dashv$       | $\dashv$             | ı   |       | 121        | _        | _        | $\dashv$  | 7        | $\neg$   | $\dashv$ | $\dashv$  | $\dashv$ | _             |
|             | 22       | 1  | П               | $\neg$   |          |          |            |               |   |          |          | 72              |          |                 | _        | $\neg$   | ヿ        | _        | 7              | $\neg$               |     |       | 122        | $\neg$   | _        | $\dashv$  | 7        | $\dashv$ |          | $\neg$    | $\neg$   |               |
|             | 23       | 1  |                 |          |          |          |            |               |   |          |          | 73              |          |                 |          | T        |          | ╅        | $\top$         | $\Box$               | ı   |       | 123        | 一        | $\top$   | $\dashv$  | T        | $\neg$   |          | $\exists$ | $\neg$   | $\overline{}$ |
|             | 24       | 1  | П               |          |          |          |            |               |   |          |          | 74              |          |                 | ヿ        | $\neg$   |          | 一        | ╛              |                      | 1   |       | 124        |          | $\top$   | $\dashv$  | $\neg$   |          |          | $\dashv$  |          | _             |
|             | 25       | 1  |                 |          |          |          |            |               |   |          |          | 75              |          |                 | $\neg$   | $\neg$   | $\neg$   | ヿ        |                | $\neg \neg$          | . [ |       | 125        |          |          | $\neg$    |          |          |          |           |          | _             |
|             | 26       | 1  |                 |          |          |          |            |               |   |          |          | 76              |          |                 |          |          |          |          |                |                      |     |       | 126        |          |          |           |          |          |          |           |          |               |
|             | 27       |  |                 |          |          |          |            |               |   |          |          | 77              |          |                 |          |          |          |          |                |                      |     |       | 127        |          |          |           |          |          |          |           |          |               |
|             | 28       |  |                 |          |          |          |            |               |   |          |          | 78 <sup>-</sup> |          |                 |          |          |          |          |                |                      |     |       | 128        |          |          |           |          |          |          |           |          |               |
|             | 29       |  |                 |          |          |          |            |               |   |          |          | 79              |          |                 |          | _        | $\perp$  | _        |                |                      |     |       | 129        |          |          | $\perp$   | ┙        |          |          |           |          |               |
|             | 30       | <u> </u>   |                 |          |          |          |            |               |   |          |          | 80              |          |                 |          | $\perp$  | _        | _        |                |                      |     |       | 130        |          |          | $\perp$   |          |          |          | _         |          |               |
|             | 31       |  | $\sqcup$        | _        |          |          |            |               |   | _        |          | 81              | Ш        |                 | _        |          | _        |          | _              |                      |     |       | 131        | _        |          |           | _        | $\dashv$ |          | _         |          | _             |
|             | 32       | <u> </u>   | $\sqcup$        |          |          |          |            |               |   | Ц.       |          | 82              |          |                 |          | _        | _        | _        | _              | $\perp \!\!\! \perp$ |     |       | 132        |          | _        | _         | _        | $\dashv$ |          | _         |          | <u> </u>      |
| <u> </u>    | 33       | <u> </u>   | $\sqcup$        | _        |          |          | ļ.         | $\vdash$      |   | _        |          | 83              | <u> </u> | <u> </u>        |          | _        | 4        | -        | $\dashv$       |                      |     |       | 133        | _        | _        | $\dashv$  | _        |          | _        |           |          | <u> </u>      |
|             | 34       | ├  | $\vdash \vdash$ |          | _        | _        | <u> </u>   | $\vdash$      |   |          | ļ        | 84              | <u> </u> | $\sqcup$        | -        |          |          | -        | +              | +                    |     |       | 134        | _        | +        | +         | 4        | $\dashv$ | _        | $\dashv$  | 4        | _             |
| <u> </u>    | 35       | <u> </u>   | $\vdash$        |          |          |          |            |               |   | $\dashv$ |          | 85              | -        | $\dashv$        | $\dashv$ |          | $\dashv$ | -        | +              |                      |     |       | 135        | $\dashv$ | +        | +         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | _             |
| <u> </u>    | 36<br>37 | $\vdash$   | $\vdash \vdash$ | $\dashv$ | $\dashv$ |          | -          | $\vdash$      |   |          | -        | 86<br>87        | -        | $\dashv$        | -        | -        | _        | -        | -              | $\dashv$             |     |       | 136<br>137 | _        | +        | +         | $\dashv$ | _        |          | $\dashv$  | $\dashv$ | _             |
|             | 38       | -  | ┥               | -        |          | -        |            | <del>  </del> |   | $\dashv$ | -        | 88              | -        | $\vdash$        | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$       | +                    |     |       | 137        | +        | +        | +         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | _             |
| -           | 39       | -  | $\vdash$        |          |          |          |            |               |   | -        | $\vdash$ | 89              |          | $\vdash$        | $\dashv$ | _        |          | -        | $\dashv$       | +                    |     |       | 138        | -        | +        | $\dashv$  | -        | $\dashv$ | $\dashv$ | $\dashv$  |          | <u> </u>      |
| -           | 40       | -  | $\vdash$        | $\dashv$ | $\dashv$ | -        | $\vdash$   | $\vdash$      | - | $\dashv$ | $\vdash$ | 90              | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | +                    |     |       | 140        |          | -        | +         | -        |          | $\dashv$ | $\dashv$  |          |               |
| $\vdash$    | 41       | -  | ╁╌┼             |          | -        | $\vdash$ | -          |               |   | $\dashv$ | -        | 91              | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | +                    |     |       | 141        |          | +        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | $\vdash$      |
| <b> </b>    | 42       |  | $\vdash$        | $\dashv$ | $\dashv$ |          | $\vdash$   | $\vdash$      |   | $\vdash$ | -        | 92              |          | $\vdash$        | $\dashv$ | -        | -        | -        |                | +                    |     |       | 142        |          | -        | +         | -        | -        |          | $\dashv$  | -        | _             |
|             | 43       | -  | $\vdash$        | $\dashv$ |          |          | $\vdash$   | H             |   | $\vdash$ | -        | 93              |          | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | +                    |     |       | 143        |          | +        | +         | -        | $\dashv$ | $\dashv$ | $\dashv$  |          | _             |
| <b> </b>    | 44       |  | $\vdash$        | $\dashv$ | $\vdash$ | -        | H          | -             |   | $\vdash$ |          | 94              |          | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv \dashv$      |     |       | 144        | -        | $\dashv$ | +         | -        | $\dashv$ | $\dashv$ | $\dashv$  | -        |               |
|             | 45       | <del>                                     </del> | $\vdash$        | $\dashv$ |          | -        |            | <del> </del>  |   | $\vdash$ | <u> </u> | 95              | H        | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | +                    |     |       | 145        | $\dashv$ | $\dashv$ | +         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | $\overline{}$ |
|             | 46       | t  | $\vdash$        | $\neg$   |          | _        |            |               |   | $\Box$   |          | 96              | П        | $\vdash$        | 7        | +        | $\dashv$ | 寸        | 寸              | $\top$               |     |       | 146        |          | $\dashv$ | $\top$    |          | $\dashv$ | $\dashv$ | $\dashv$  | -        | Π             |
|             | 47       |  | $\sqcap$        | $\neg$   | $\neg$   |          | П          | Г             |   | $\Box$   |          | 97              | П        | $\sqcap$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv \dashv$      |     |       | 147        |          | $\top$   | $\top$    |          | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | Г             |
|             | 48       |  | П               |          | $\dashv$ |          | Г          |               |   | $\neg$   |          | 98              | Г        | $\Box$          | $\dashv$ | 一        | 寸        | $\neg$   | $\neg \dagger$ |                      |     |       | 148        |          |          | $\top$    |          |          | $\neg$   | $\neg$    | $\dashv$ |               |
|             | 49       | Π  | П               |          |          |          |            |               |   |          |          | 99              | П        | 一               |          |          | $\dashv$ | $\neg$   | $\Box$         |                      |     |       | 149        |          |          | $\exists$ |          | $\Box$   |          | $\neg$    |          | _             |
|             | 50       |  |                 |          |          |          |            |               |   |          |          | 100             |          |                 |          |          | _1       |          |                |                      |     |       | 150        |          |          |           |          |          |          |           |          | 匸             |
|             |          |  | щ.              |          |          |          |            |               |   |          |          |                 |          |                 |          |          |          |          |                |                      |     |       |            |          |          |           |          | —        |          |           |          |               |